MERCER

Investment Consulting

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Total Fund Review – Third Quarter Board Meeting Arizona State Retirement System

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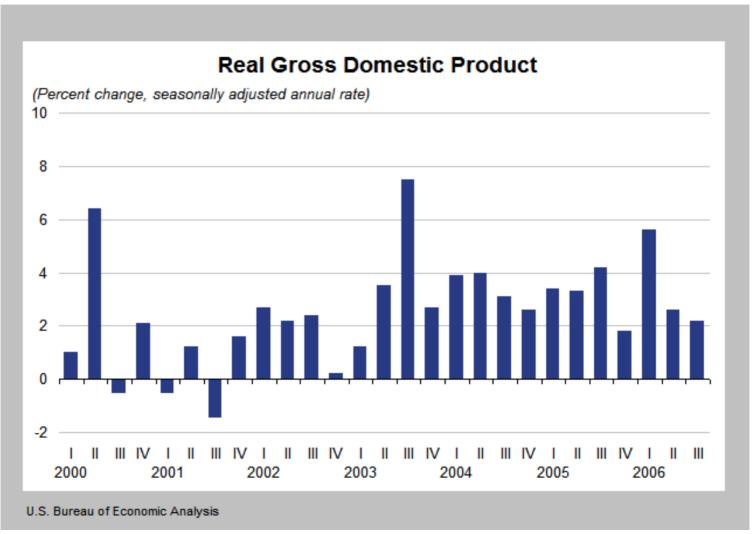


Economic Environment

Possible Economic Slowdown Decline in the Housing Market Is Very Visible

- The economy expanded at a slower pace during the quarter as the steadily weakening housing sector and peaking energy prices hampered growth. The revised government estimate of third quarter GDP growth was 2.2%.
- Payroll reports showed slower but steady job growth, as employers added 350,000 jobs during the quarter. The unemployment rate at September-end was 4.6%.
- After sinking to a nine-month low in August, consumer confidence rebounded in September due primarily to falling gasoline prices. Consumer spending remained fairly healthy despite the slumping housing market, increasing at an inflation-adjusted annual rate of 3%.
- The housing market continued to trend downward as existing-home sales fell for the fifth consecutive month in August and the national median price fell year-over-year for the first time in 11 years. The average rate on the 30-year fixed-rate mortgage was 6.31% at quarter-end, down from 6.78% in June.

Growth Continues to Slow Future Direction Depends on Balance of Conflicting Forces

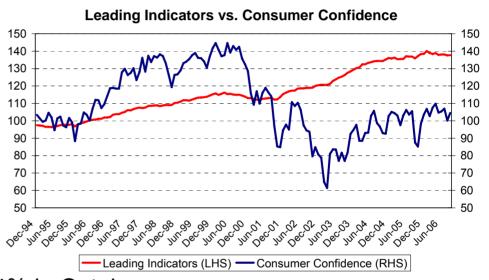


Growth Continues to Slow Future Direction Depends on Balance of Conflicting Forces

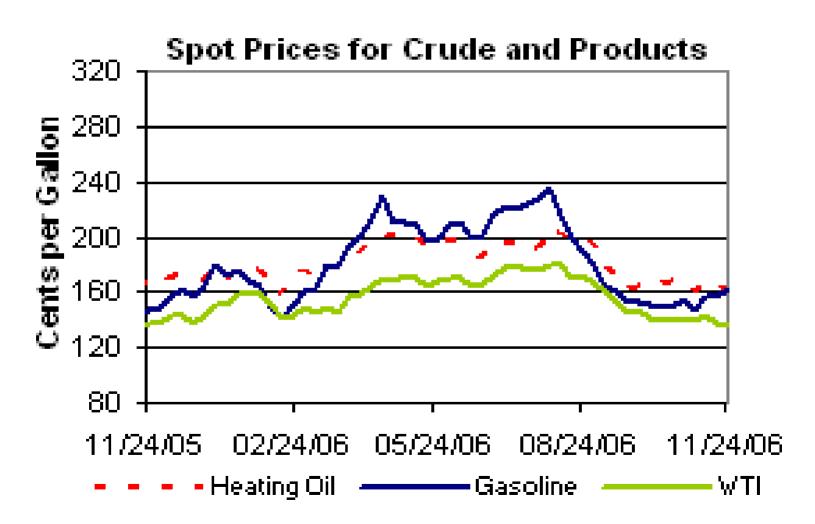
State of the U.S. Economy: Positives

- After declining sharply in August, consumer confidence increased in September
- Oil and gasoline prices dropped sharply late in the quarter
 - Slower economic growth and demand, a tame hurricane season and the U.N. wavering on Iran were all contributors
 - Unemployment rate remains

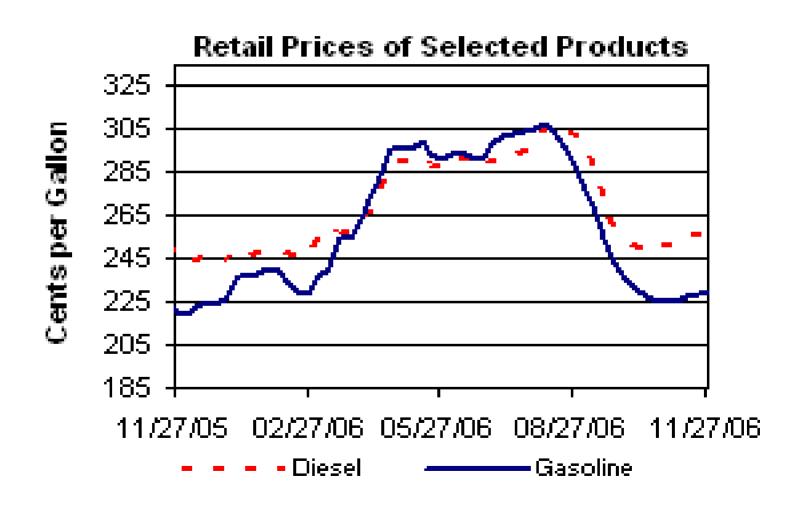
 at historical lows: dropped to 4.4% in October
 - Jobless rate in 2006 has ranged from 4.4% to 4.8%
 - Initial jobless rates declined for the quarter
 - Accelerating wage growth appears to be dampening any negative impact on personal consumption
- Corporate profits were robust, and M&A activity increased
- Globally, economic activity appears to be solid



Sharp Decline in Energy Prices Estimated Impact Is Equal to a \$100bn Tax Cut

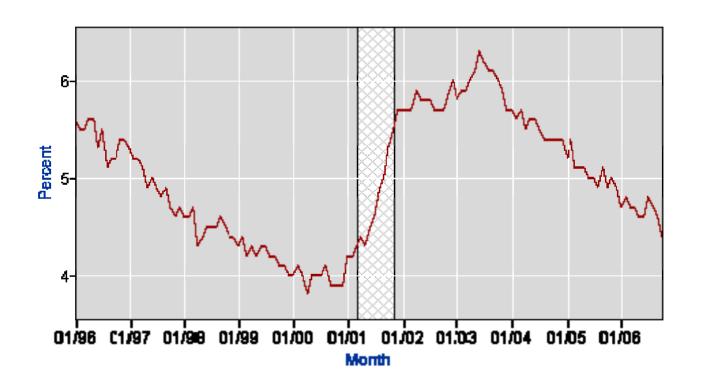


Sharp Decline in Energy Prices Estimated Impact Is Equal to a \$100bn Tax Cut



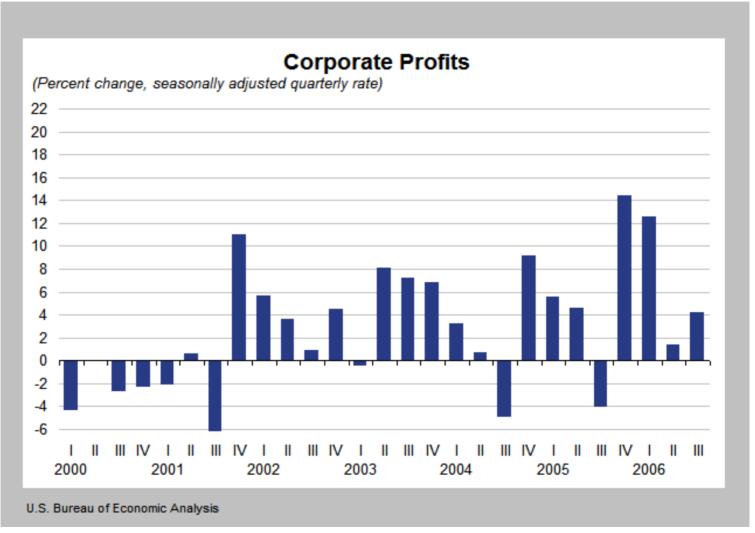
Unemployment Continues to Decline Indicating Economy Is Still Showing Strength

Unemployment rate (seasonally adjusted)

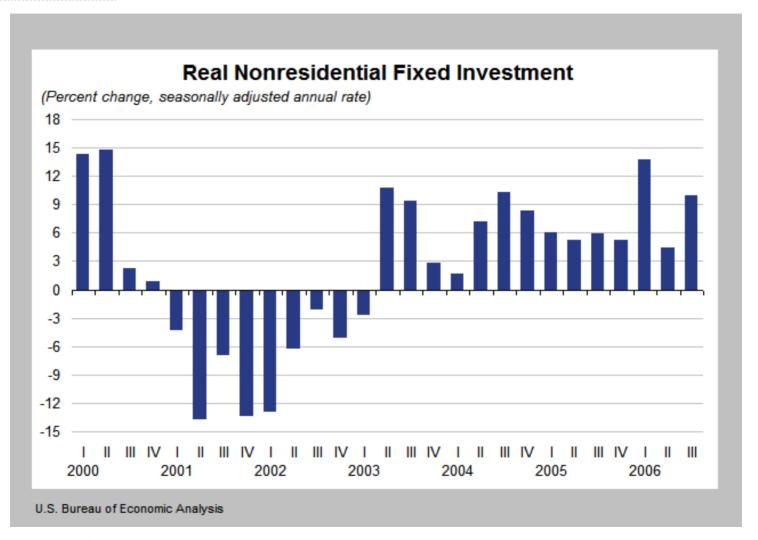


Note: Cross-hatched area represents recession.

Corporate Profitability Continues to Rebound



Sectors Other than Housing Continue Strong

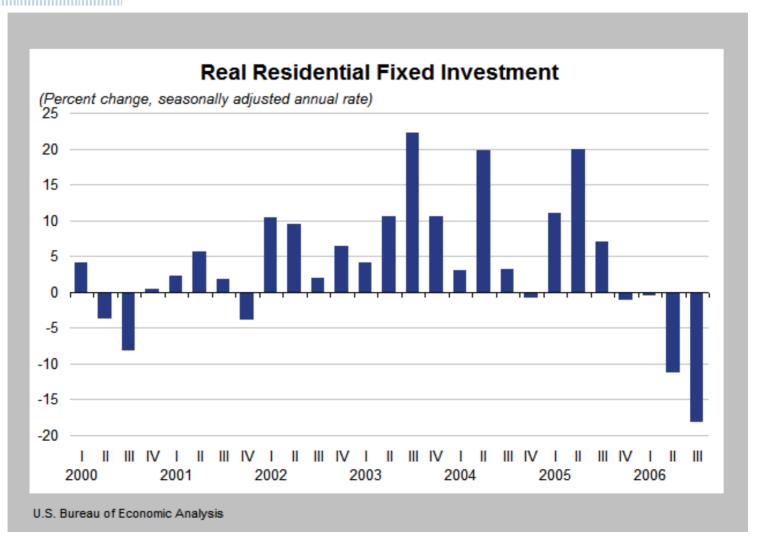


Growth Continues to Slow Future Direction Depends on Balance of Conflicting Forces

State of the U.S. Economy: Negatives

- Reality is that "soft landings" are forecast far more than they occur
- Investors had difficulty making sense of economic data despite the strong gains in the equity and fixed income markets
- It was clear that the U.S. economy was moderating:
 - Impact of short-term interest rates
 - Natural maturing of the business cycle
 - Cooling housing market
 - Lag effect of the rise in energy prices
- Significant slowing in the U.S. housing market and indications of a turn in the domestic growth story brought a rally in rates and increased volatility to the markets
- Euro and yen were weak against the U.S. dollar, placing pressure on export activity

Very Steep Decline in Housing Activity

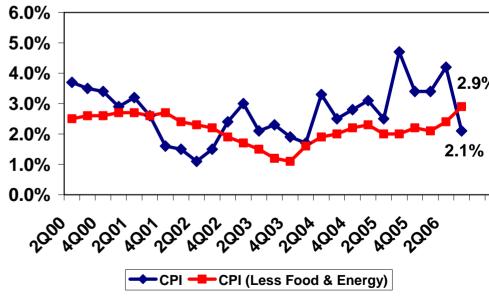


Growth Continues to Slow Future Direction Depends on Balance of Conflicting Forces

State of the U.S. Economy: Fed Watch & Interest Rates

- After 17 consecutive rate increases, the Fed held rates steady throughout the quarter; Fed Funds rate currently stands at 5.25%
 - Inflationary expectations were contained within the Fed's comfort zone
 - Tightening will resume only if either inflationary expectations deteriorate or growth re-accelerates
 - Tone of incoming economic data suggests that further tightening is unlikely in the short term

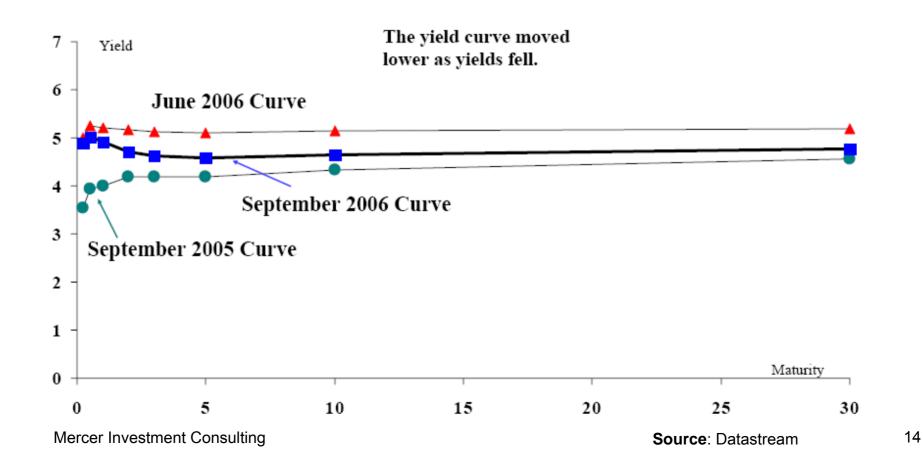
 Inflation
- The Consumer Price Index declined sharply due to a notable decline in energy- and transportation-related prices
- However, Core CPI (less food and energy) continued to rise
 - Pressure on food and beverages and medical care
 - Upside risks appear to be limited



Source: U.S. Department of Labor Bureau of Labor Statistics. All Urban Consumers. Year-over-year. Seasonally Adjusted.

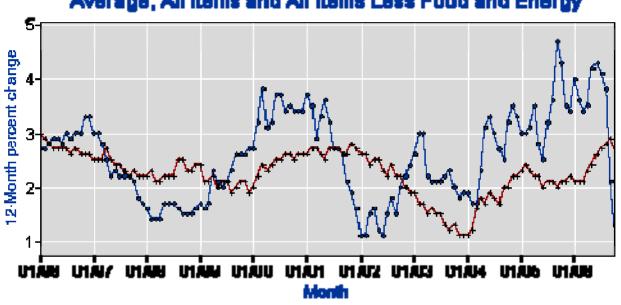
Yields Fell, Particularly in the Intermediate Segment of the Curve

Capital Markets: Fixed Income Market Treasury Yield Curves



Consumer Core Inflation Is Trending Up Even with a Steep Decline in Energy

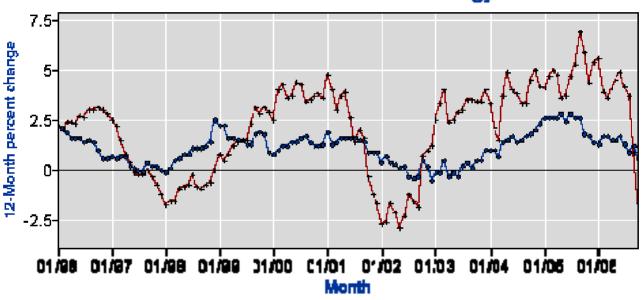
Consumer Price Index for All Urban Consumers: U.S.City
Average, All Items and All Items Less Food and Energy





Producer Price Inflation Picture Looks Better

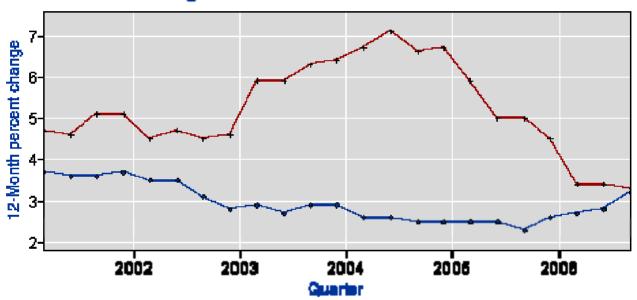
Producer Price Index for Finished Goods and Finished Goods Less Foods and Energy





Wage Costs are Creeping Upward Benefit Costs Growing at a Much Lower Rate

Employment Cost Index for civilian workers, Changes in wages and salaries and benefit costs



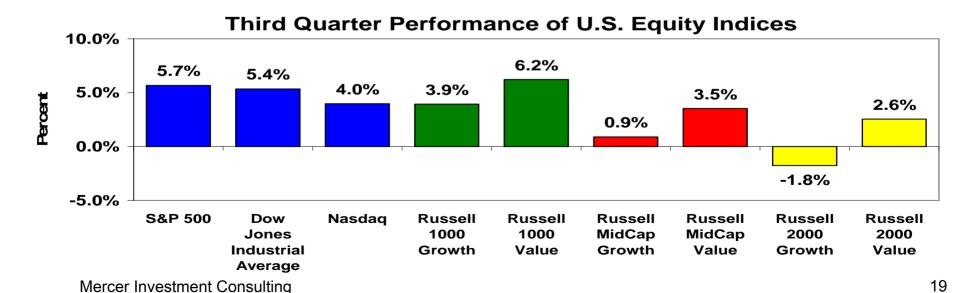


Securities Markets

U.S. Equity Markets Markets Rebounded Strongly in the Third Quarter

Capital Markets: U.S. Equity Market

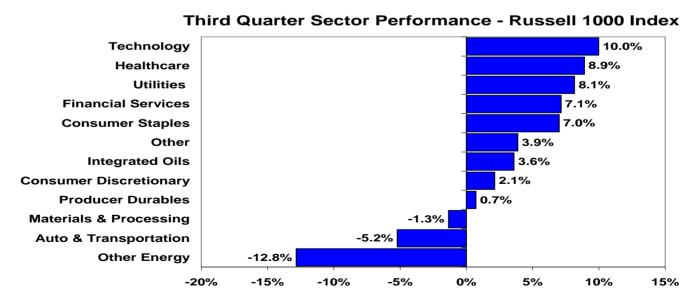
- Long-awaited pause in the Fed's monetary policy and a drop in oil and gas prices caused U.S. equity markets to rebound
- Large caps outperformed mid- and small-cap stocks for the 2nd consecutive quarter
- Value also outperformed growth across all market caps; however, there appears to be some evidence of growth investing gaining ground, particularly in September



Traditional Growth Sectors Led the Market Technology and Health care

Capital Markets: U.S. Large Cap Equity Market

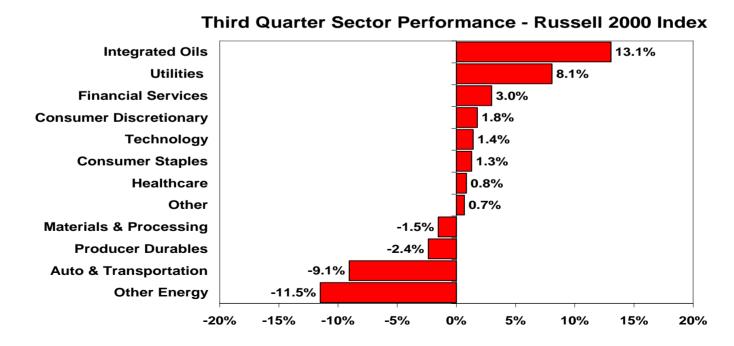
- Macro factors influenced stock prices and sector performance for the quarter
- Witnessed a defensive rally, with the major exception of technology stocks
- Technology, health care and utilities (telecom) sectors all benefited from strong
 M&A activity while financial services rallied on the pause in the Fed tightening
- Other energy declined sharply due to profit-taking and the drop in energy prices



Sector Performance Is Different for Small-Cap

Capital Markets: U.S. Small Cap Equity Market

- Fears of a slowdown placed pressure on small cap stocks
- Earnings and M&As in the sparsely populated integrated oils sector supported strong gains early in quarter despite the September drop in energy prices
- As with large cap stocks, defensive sectors produced the best returns



Large Cap Assumes Market Leadership

- Large Cap Value was very strong
- Small Growth was the only sector with negative returns

3Q2006	Growth	Core	Value
Large	3.94	5.06	6.23
Mid	0.89	2.11	3.53
Small	-1.76	0.44	2.55

Note: Russell 1000, Mid-Cap, 2000 Indices: Growth, Core, Value

One-Year Returns Are Very Strong

- Core and Value are significantly ahead of current long-term expectations
- Strongest performance for growth this century

1-Year Returns	Growth	Core	Value
Large	6.05	10.27	14.62
Mid	7.05	9.58	12.28
Small	5.86	9.91	13.99
Note: Russell 1000, Mid-0			

Three-Year Results Are Strong

- Returns for all asset classes except large growth are well above long-term expectations
- Large Growth has been weak since 2000 and the end of the dot-com era, but is showing signs of strength

3-Year Returns	Growth	Core	Value
Large	8.36	12.79	17.25
Mid	14.53	18.22	21.15
Small	11.79	15.46	19.02
Note: Russell 1000, Mid-Ca			

Cumulative 3-Year Results Are Generally Strong

- Returns for all but large growth are excellent; recovery continues to be strong
- Value returns were exceptional

Cumulative 3-Yr	Growth	Core	Value
Large	27.24	43.49	61.19
Mid	50.23	65.22	77.82
Small	39.70	53.92	68.60
Note: Russell 1000, Mid-Cap			

Five-Year Results Still Show Wide Variations

- Large Growth is making a comeback
- Value, particularly small/mid value, is superior to other styles

5-Year Returns	Growth	Core	Value
Large	4.43	7.65	10.73
Mid	12.02	14.81	16.62
Small	10.15	13.78	16.97
Note: Russell 1000, Mid-Ca			

Cumulative 5-Year Results Are Extremely Different, Depending on Market Segment

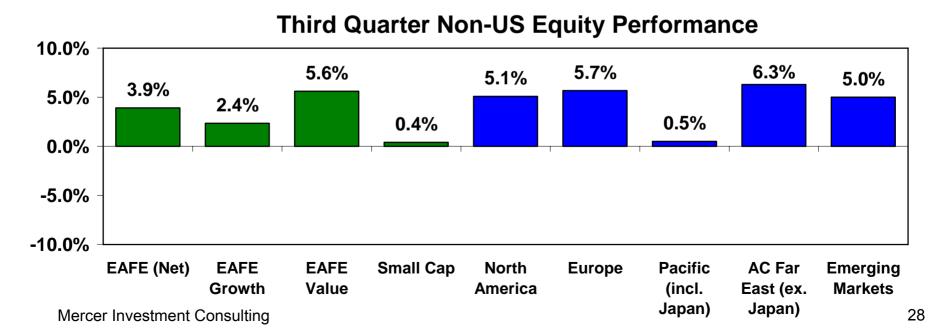
- Huge spread between growth and value
- Small and mid-value more than doubled

Cumulative 5-Yr	Growth	Core	Value
Large	24.20	44.57	66.47
Mid	76.39	99.48	115.71
Small	62.15	90.69	118.96
Note: Russell 1000, Mid-Cap			

Non-U.S. Equity Markets EAFE Generated a Positive Return, Even with Strong Dollar

Capital Markets: Non-U.S. Equity Markets

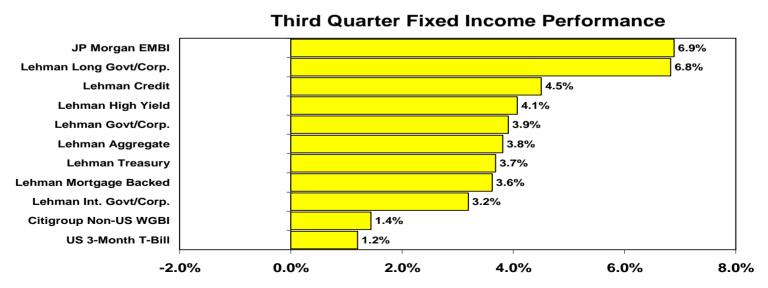
- Non-U.S. equity markets were generally positive for the quarter, but a rising U.S. dollar dampened results
- Continental Europe continued to produced strong returns, in part due to the strength of financial service firms and easing oil and commodity prices
- Japanese stocks rebounded but were negative in U.S. dollar terms
- Emerging markets also rebounded, but small cap stocks lagged



Fixed Income Markets Bond Returns Very Strong As Weak Economy Portends Falling Rates

Capital Markets: Fixed Income Market

- Weaker economic data caused investors to bid up bond prices and push rates lower; Aggregate Bond Index produced its best quarterly results since 3Q02
- Credits were among the best performers during the quarter, rebounding from some of the weakness witnessed in the second quarter; in general, lower-quality and long-term maturity issues offered the best results
- Emerging market bonds rebounded



Other Asset Classes

High Yield Bonds

- The Lehman Brothers High Yield Bond Index, up 4.1%, posted its highest quarterly return since the fourth quarter of 2004. Overall, yields fell 41 basis points and spreads widened to an average 348 basis points
- Long-term corporate bonds were up 6.4%, outperforming intermediate-term issues, which gained 3.7%. By quality, Ba-rated bonds were the best performers, followed by Caa-rated issues

Real Estate

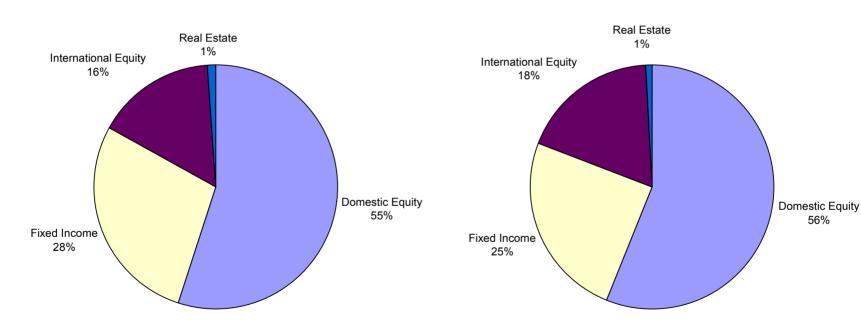
- The equity real estate market surged ahead during the quarter as the FTSE NAREIT Index rose 9.3%
- The latest data available for the private real estate market showed a second quarter gain of 4.0% for the NCREIF Property Index

ASRS Total Fund Performance

Total Fund Asset Allocation September 30, 2006

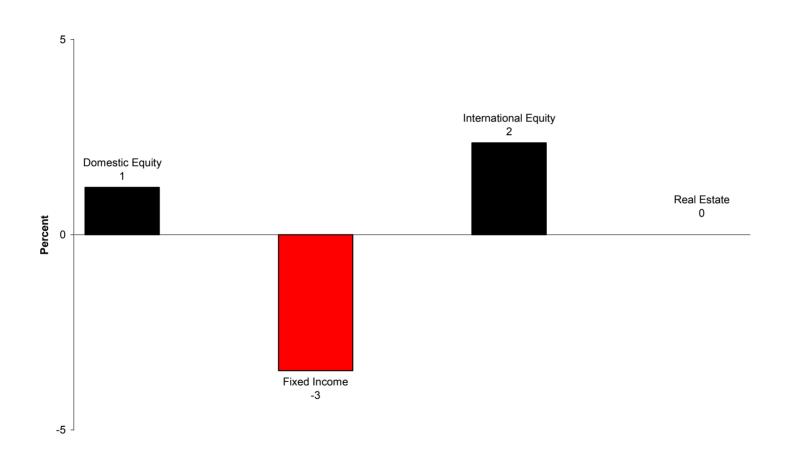
Policy Adjusted for Transition into Real Estate

Actual Asset Allocation



Total Fund Asset Allocation September 30, 2006

Actual Asset Allocation vs. Policy Adjusted for Transition into Real Estate



Total Fund Performance For Periods Ending September 30, 2006

	Quarter	1 Year	3 Years	5 Years	10 Years	Inception
Total Fund	3.9%	10.1%	12.0%	8.6%	8.9%	10.9%
Benchmark*	4.9	10.2	11.4	7.9	7.7	10.7
Excess Return	-1.0	-0.1	0.6	0.7	1.2	0.2

Policy History:

- 7/1/75-12/31/79 40% S&P 500/60% LB Aggregate
- 1/1/80-12/31/83 50% S&P 500/50% LB Aggregate
- 1/1/84-12/31/91 60% S&P 500/40% LB Aggregate
- 1/1/92-12/31/94 50% S&P 500/40% LB Aggregate/10% EAFE
- 1/1/95-6/30/97 45% S&P 500/40% LB Aggregate/15% EAFE
- 7/1/97-12/31/99 50% S&P 500/35% LB Aggregate/15% EAFE
- 1/1/00-9/30/03 53% S&P 500/30% LB Aggregate/17% EAFE
- $\bullet \ 10/1/03 present 53\% \ S\&P \ 500/26\% \ LB \ Aggregate/15\% \ MSCI \ EAFE/ACW \ ex. \ US^{(1)}/6\% \ NCREIF + 100 \ bps.$

^{*} Interim Benchmark: 55% S&P 500, 28% LB Aggregate, 16% MSCI EAFE/ACW ex. US⁽¹⁾, and 1% NCREIF+100 bps. Note: Interim Benchmark incorporates a proration of 5% real estate.

⁽¹⁾ MSCI EAFE/ACW ex. US Benchmark is the MSCI EAFE prior to 10/1/05 and the MSCI ACW ex. US thereafter.

Total Fund Performance For Periods Ending September 30, 2006

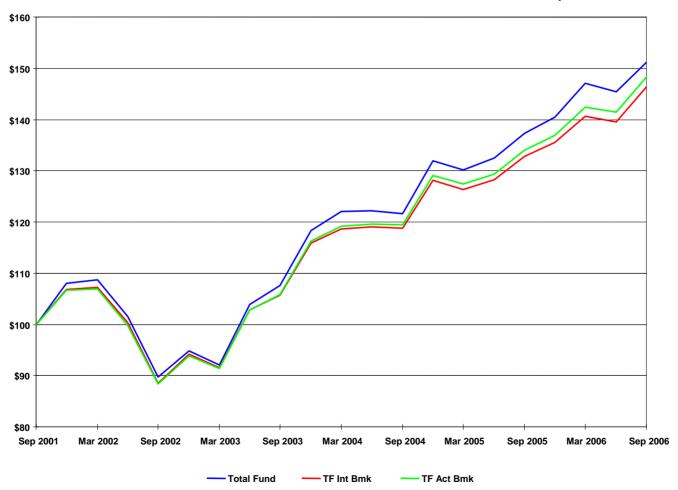
		1 Year	3 Years	5 Years	10 Years	Inception
	ASRS Total Fund	10.1%	12.0%	8.6%	8.9%	10.9%
1)	Actuarial Assumption	8.0%	8.0%	8.0%	8.0%	7.6%
	Excess Return	2.1%	4.0%	0.6%	0.9%	3.3%
2)	Asset Allocation Target	7.4%	7.4%	7.8%	8.3%	N/A
	Excess Return	2.7%	4.6%	0.8%	0.6%	N/A
3)	CPI Inflation + 3.75%	5.8%	6.8%	6.4%	6.3%	8.1%
	Wage Inflation + 3.75%	7.6%	6.3%	7.1%	6.7%	8.1%
	Excess Return - CPI	4.3%	5.2%	2.2%	2.6%	2.8%
	Excess Return - Wage	2.5%	5.7%	1.5%	2.2%	2.8%

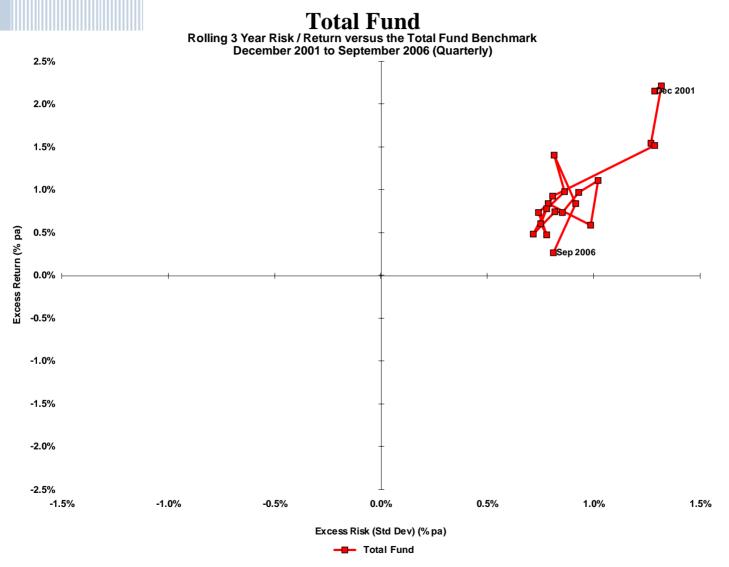
Supplemental Comparison Information For Periods Ending September 30, 2006

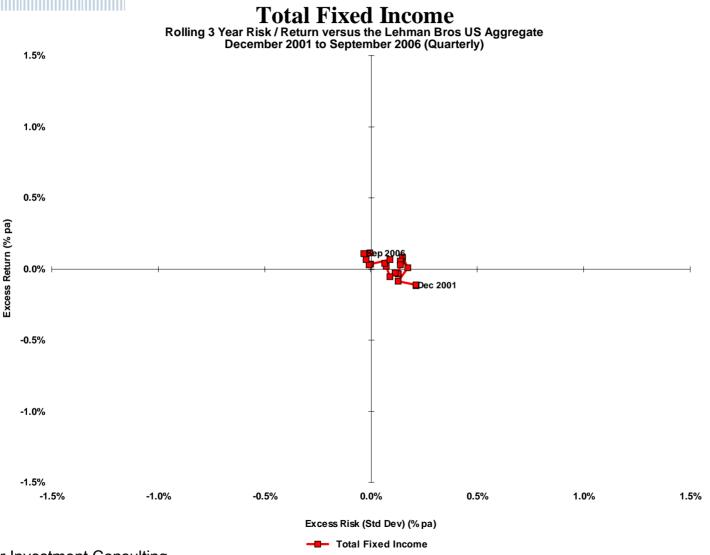
	1 Year	3 Years	5 Years	10 Years	15 Years
Russell/Mellon Trust Universes					
Master Trust Funds - Total Funds	42	53	63	48	47
Total Funds - Public	58	75	86	49	32
Total Funds Billion Dollar - Public	61	85	87	59	43
Total Funds - Corporate	40	49	58	44	49
Wilshire Trust Universe Comparison Service					
Master Trusts - All	27	31	41	47	44
Public Funds	35	36	44	40	26
Public Funds Greater than \$1.0 Billion	54	59	66	55	34
Corporate	29	35	46	58	56
Callan Associates Inc.					
Total Funds	54	52	63	50	41
Public Funds	54	49	60	44	26
Public Funds - Large (>1B)	86	77	79	56	27
Corporate Funds	49	43	58	50	41

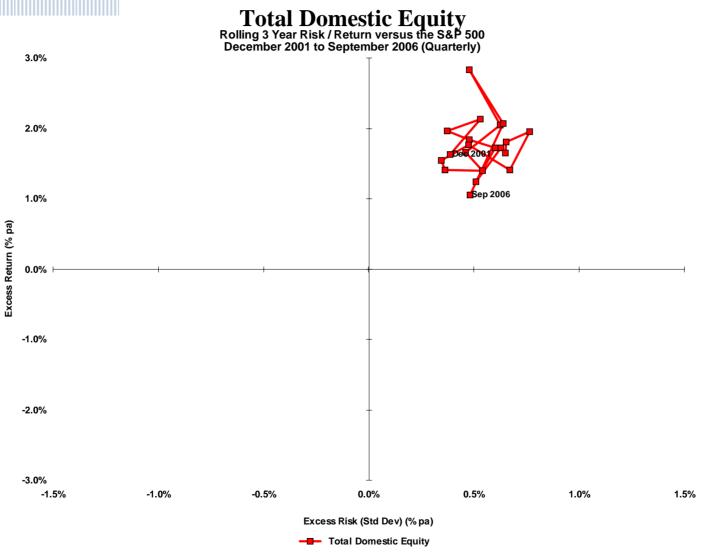
Total Fund Growth

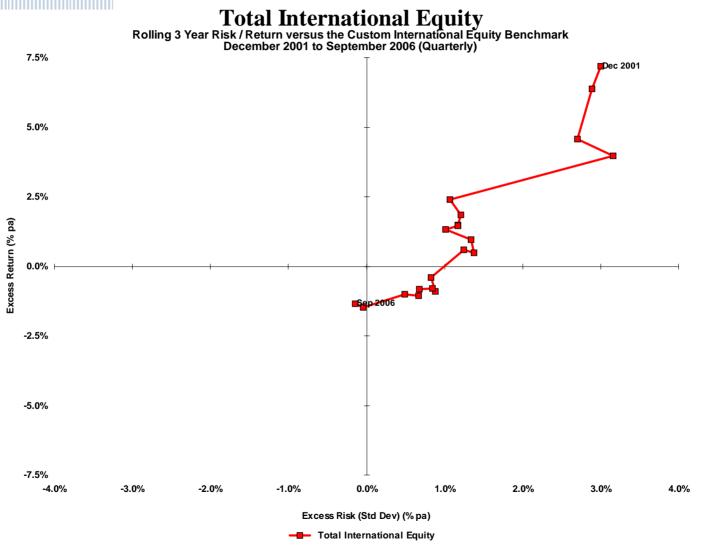
Total FundValue of \$100 invested in US Balanced from Oct 2001 to Sep 2006











Performance vs. Benchmarks For the 3 Years Ending September 30, 2006

	Return	Assumed ROR	Std. Dev.
Total Fund	12.0%	7.4%	7.1%
Benchmark*	11.4		6.7
Domestic Fixed	3.5	4.5	3.8
LB Aggregate	3.4		3.8
Domestic Equity	13.4	8.5	9.2
S&P 500	12.3		8.7
Intl. Equity	21.3	8.5	12.4
Custom Bmk	22.7		12.6
Real Estate	N/A		N/A

^{*} Interim Benchmark: 55% S&P 500, 28% LB Aggregate, 16% MSCI EAFE/ACW ex. US, and 1% NCREIF+100 bps. Note: Interim Benchmark incorporates a proration of 5% real estate.

Performance vs. Benchmarks For the 5 Years Ending September 30, 2006

	Return	Assumed ROR	Std. Dev.
Total Fund	8.6%	7.8%	11.3%
Benchmark*	7.9		10.9
Domestic Fixed	4.9	4.9	3.7
LB Aggregate	4.8		3.7
Domestic Equity	8.3	8.9	16.0
S&P 500	7.0		15.6
Intl. Equity	14.3	9.1	18.3
Custom Bmk	14.6		17.7
Real Estate	N/A		N/A

^{*} Interim Benchmark: 55% S&P 500, 28% LB Aggregate, 16% MSCI EAFE/ACW ex. US, and 1% NCREIF+100 bps. Note: Interim Benchmark incorporates a proration of 5% real estate.